

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028933.D
 Acq On : 26 Sep 2017 7:52
 Operator : SJ/JU
 Sample : I5395-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-(0-5)

Quant Time: Sep 26 12:06:21 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 12:06:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	21658	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	87948	20.00	ng	0.00
38) Acenaphthene-d10	14.90	164	63548	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	219174	20.00	ng	0.00
75) Chrysene-d12	21.96	240	268881	20.00	ng	0.00
86) Perylene-d12	25.42	264	269074	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	208303	158.70	ng	0.00
7) Phenol-d6	7.43	99	262343	132.75	ng	0.00
23) Nitrobenzene-d5	9.45	82	191104	103.95	ng	0.00
41) 2,4,6-Tribromophenol	16.39	330	210699	200.47	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	479336	100.58	ng	0.00
78) Terphenyl-d14	20.24	244	1368807	108.56	ng	0.00

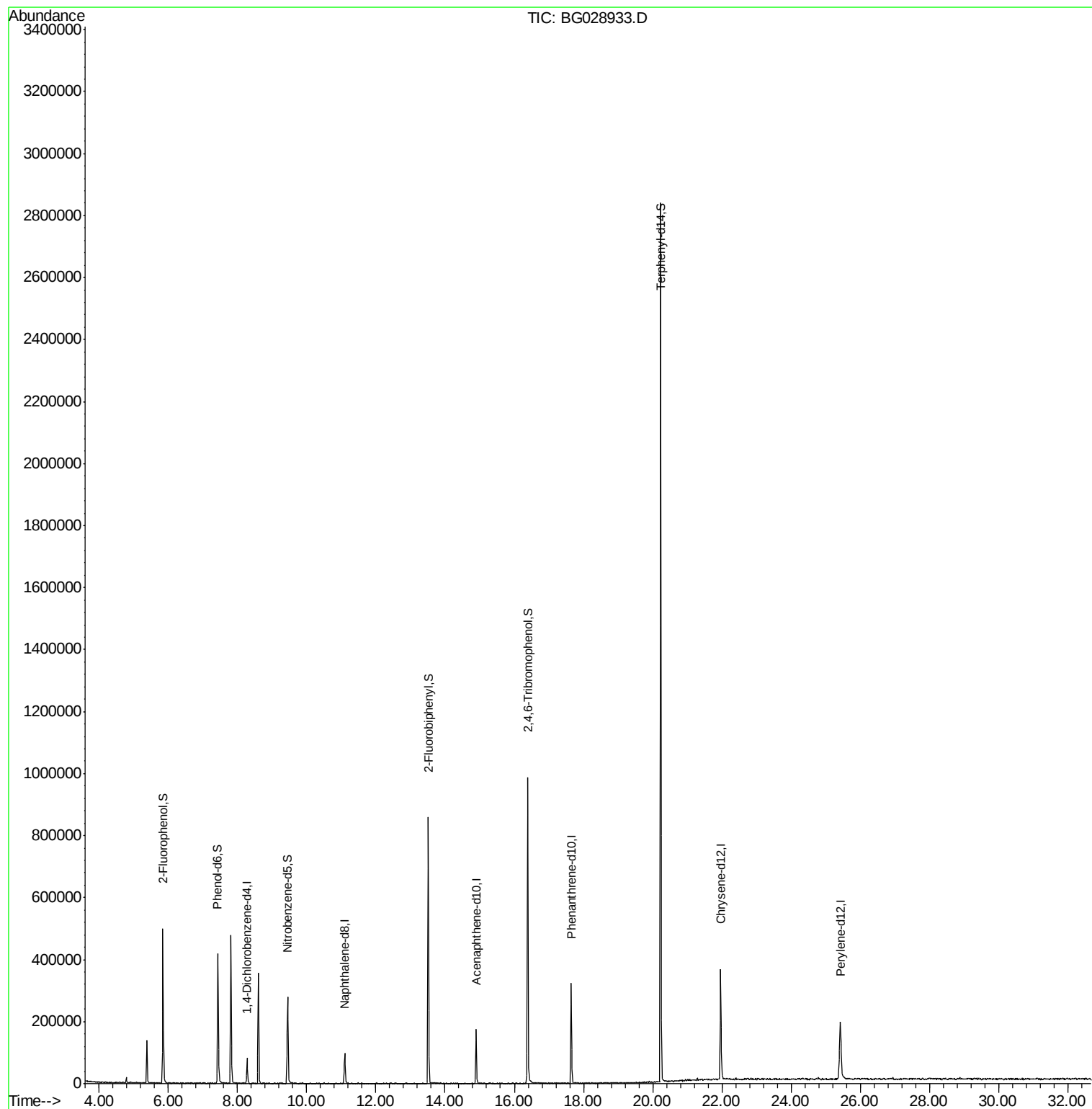
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG028933.D

Acq: 26 Sep 2017 7:52

Instrument :

BNA_G

ClientSampleId :

TP-2-(0-5)

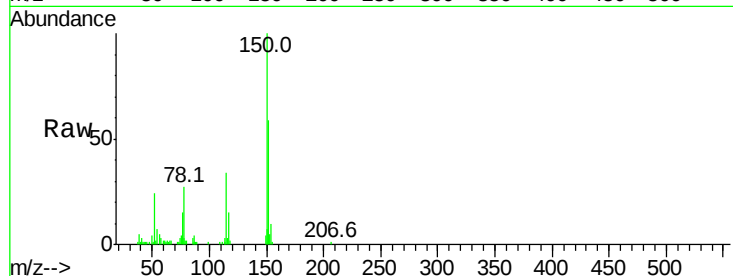
Tot Ion:152 Resp: 21658

Ion Ratio Lower Upper

152 100

150 168.8 114.0 171.0

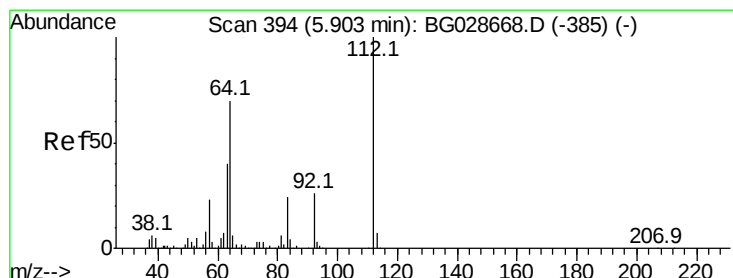
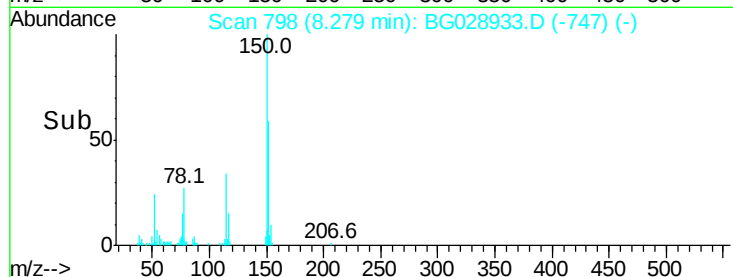
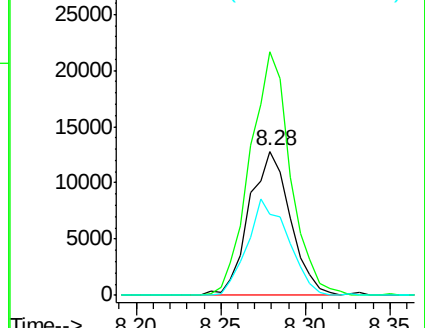
115 56.6 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 158.699 ng

RT: 5.85 min Scan# 384

Delta R.T. 0.00 min

Lab File: BG028933.D

Acq: 26 Sep 2017 7:52

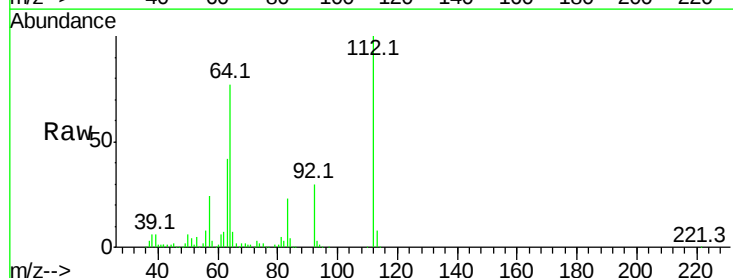
Tgt Ion:112 Resp: 208303

Ion Ratio Lower Upper

112 100

64 76.6 61.8 92.6

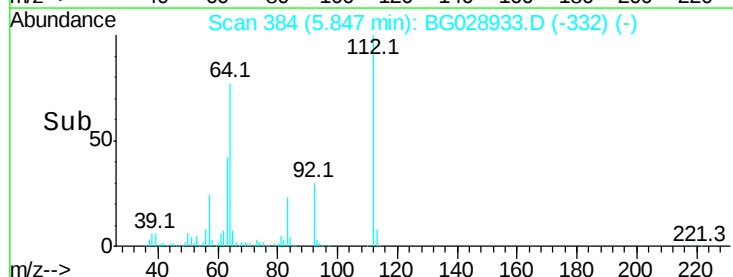
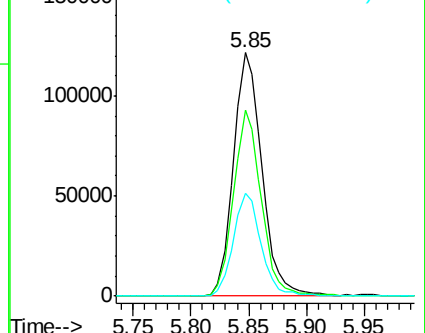
63 42.5 37.2 55.8

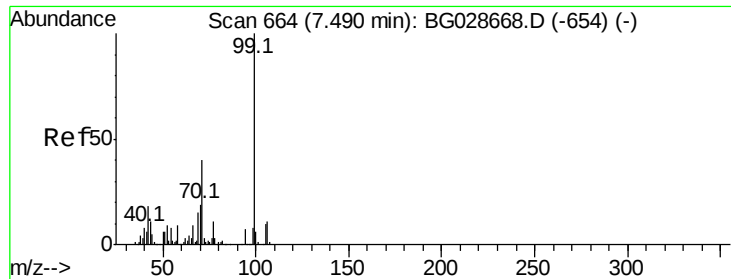


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 132.749 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.00 min

Lab File: BG028933.D

Acq: 26 Sep 2017 7:52

Instrument :

BNA_G

ClientSampleId :

TP-2-(0-5)

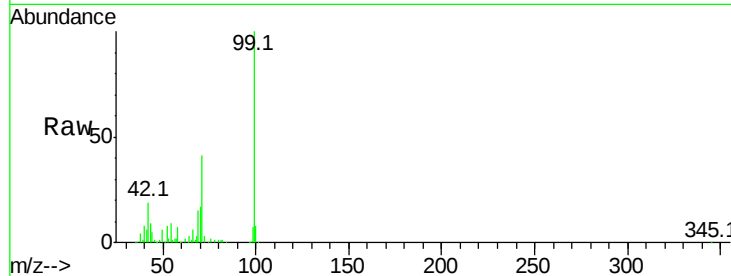
Tot Ion: 99 Resp: 262343

Ion Ratio Lower Upper

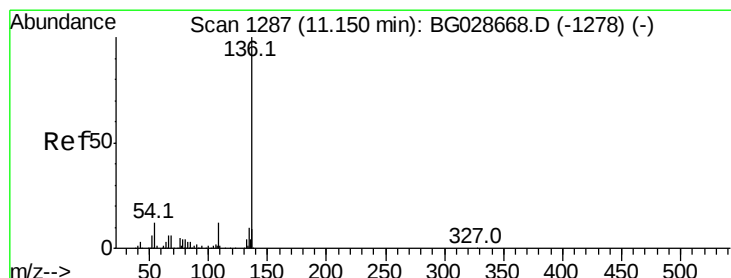
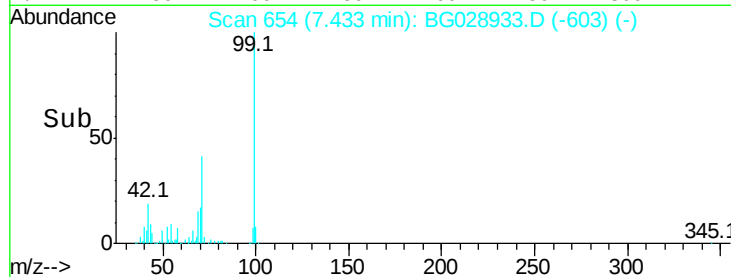
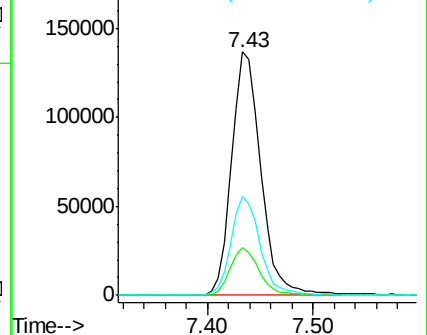
99 100

42 19.4 20.5 30.7#

71 40.9 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.10 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BG028933.D

Acq: 26 Sep 2017 7:52

Tgt Ion:136 Resp: 87948

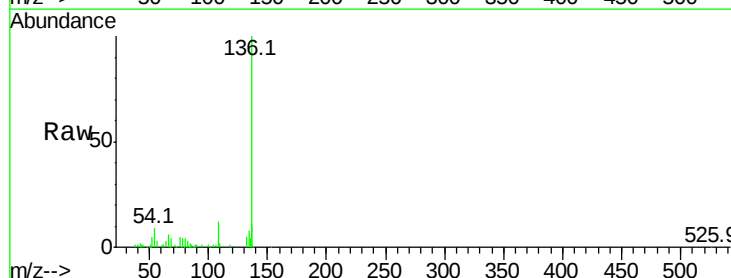
Ion Ratio Lower Upper

136 100

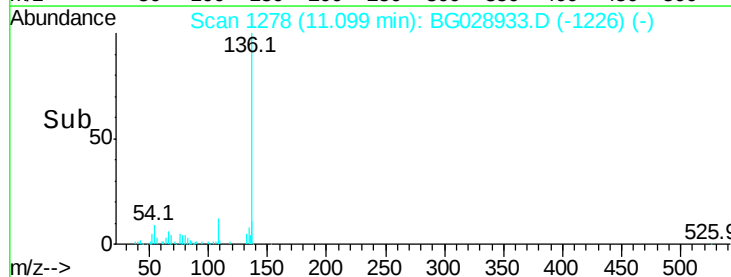
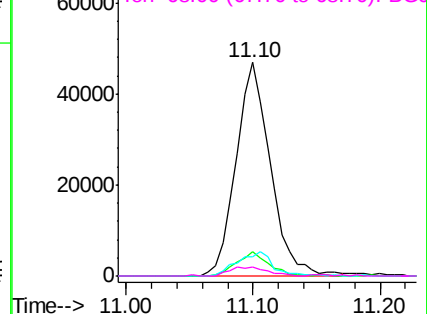
137 11.1 8.9 13.3

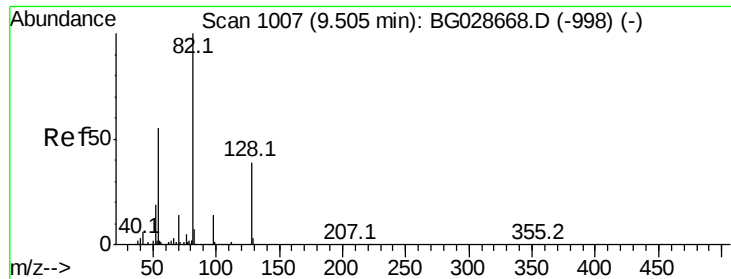
54 9.0 9.3 13.9#

68 4.1 5.1 7.7#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

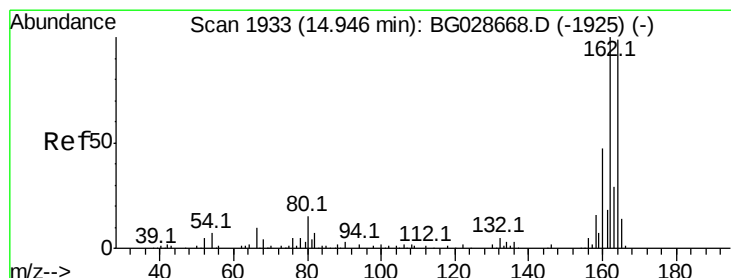
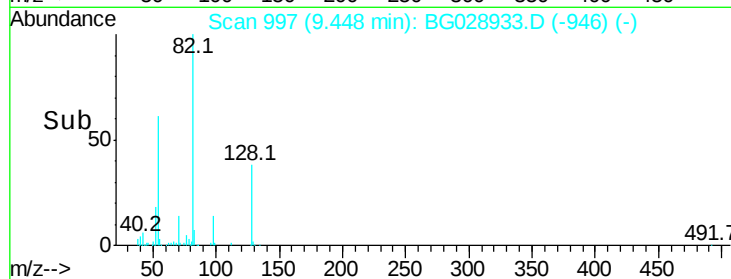
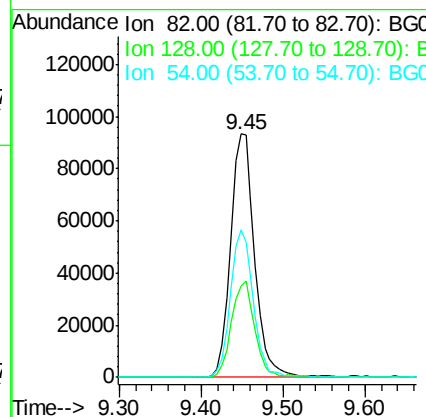
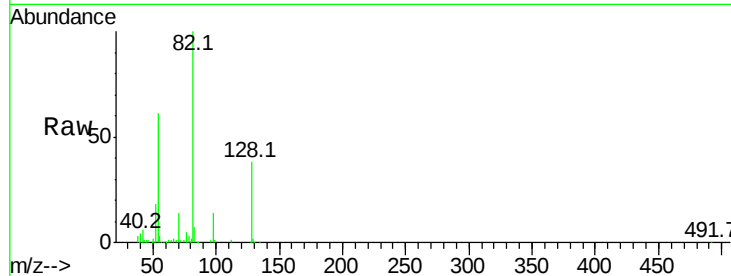




#23
Nitrobenzene-d5
Concen: 103.947 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG028933.D
Acq: 26 Sep 2017 7:52

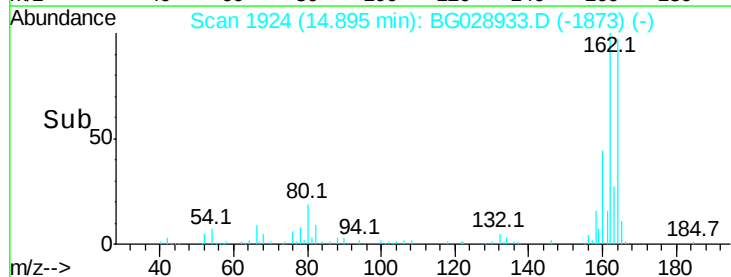
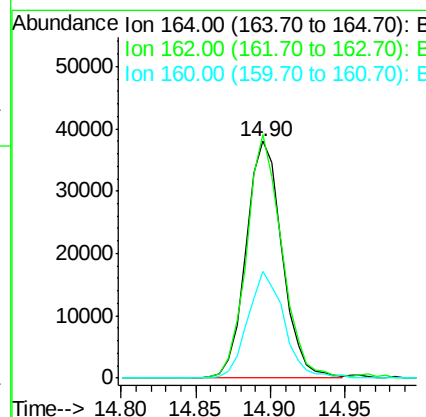
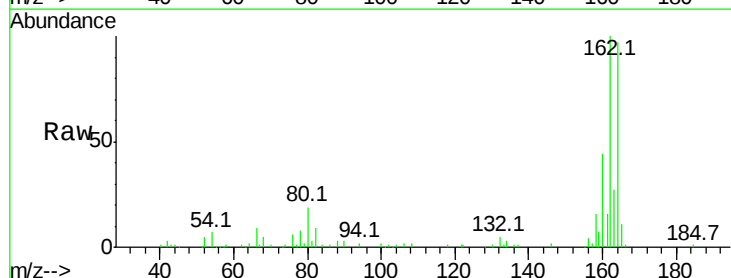
Instrument :
BNA_G
ClientSampleId :
TP-2-(0-5)

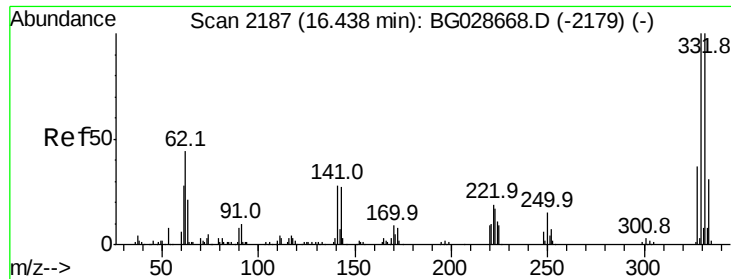
Tot Ion	82	Resp	191104
Ion Ratio	100	Lower	Upper
128	37.7	26.4	39.6
54	60.6	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.90 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BG028933.D
Acq: 26 Sep 2017 7:52

Tgt Ion	164	Resp	63548
Ion Ratio	100	Lower	Upper
162	102.8	85.1	127.7
160	45.2	34.7	52.1

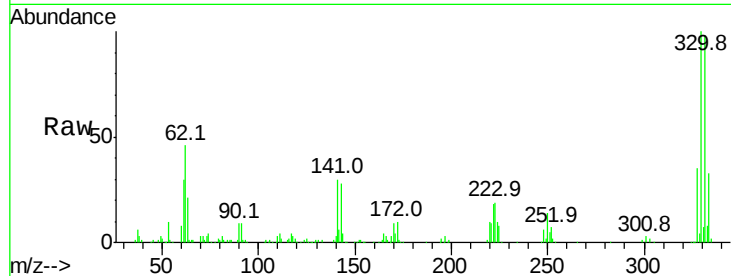




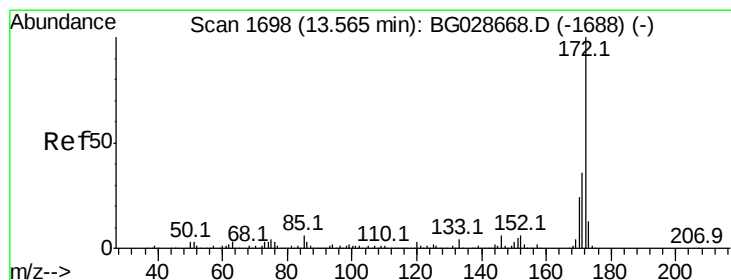
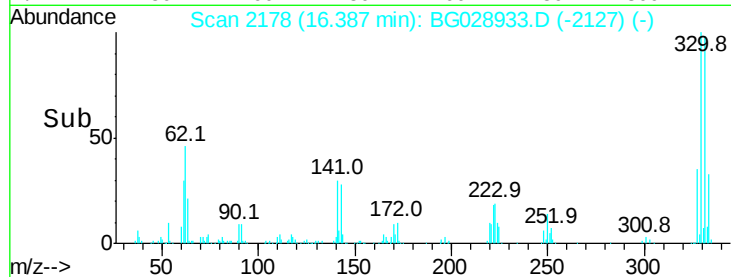
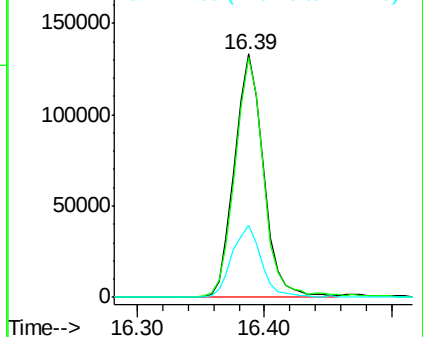
#41
 2,4,6-Tribromophenol
 Concen: 200.466 ng
 RT: 16.39 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: BG028933.D
 Acq: 26 Sep 2017 7:52

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-(0-5)

Tot Ion:330 Resp: 210699
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.3 115.9
 141 30.2 32.1 48.1#

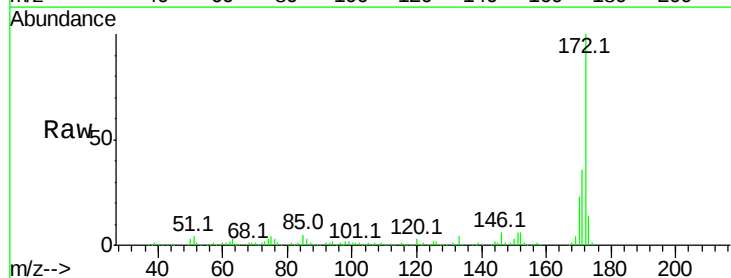


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

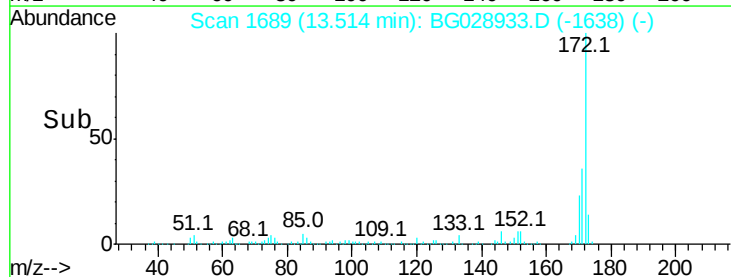
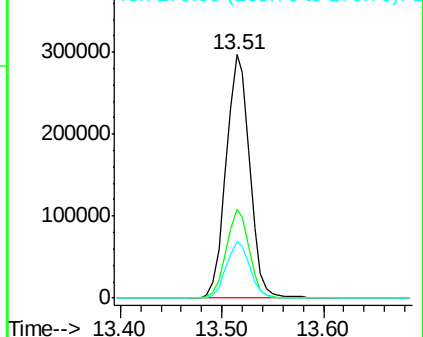


#44
 2-Fluorobiphenyl
 Concen: 100.579 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG028933.D
 Acq: 26 Sep 2017 7:52

Tgt Ion:172 Resp: 479336
 Ion Ratio Lower Upper
 172 100
 171 36.2 32.2 48.2
 170 23.1 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

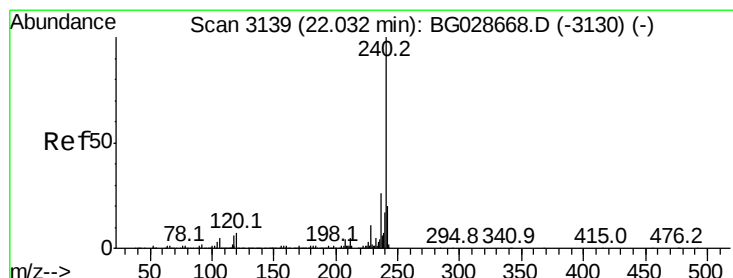
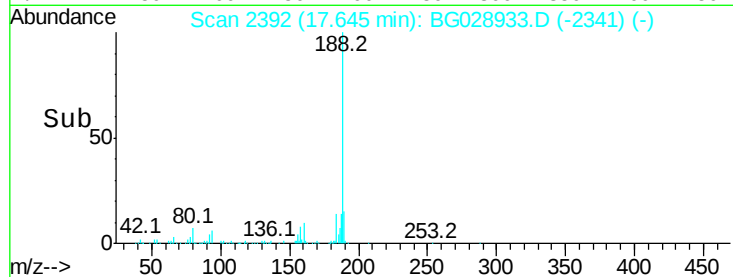
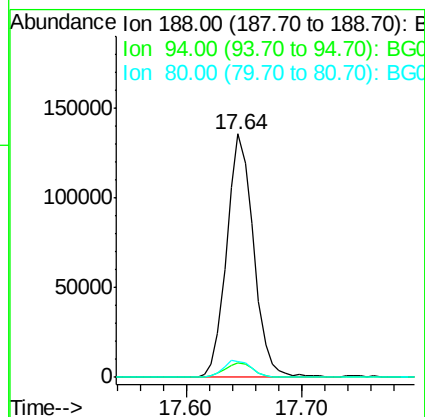
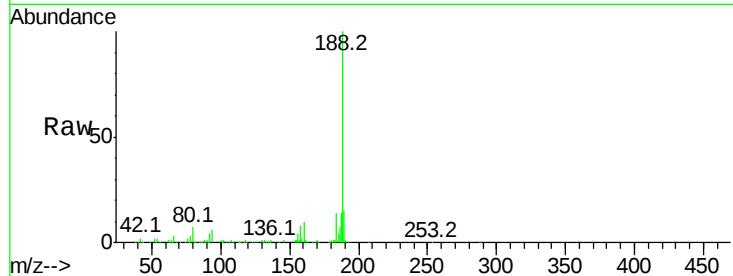




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BG028933.D
Acq: 26 Sep 2017 7:52

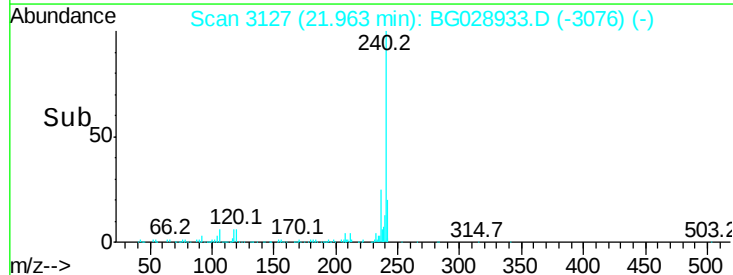
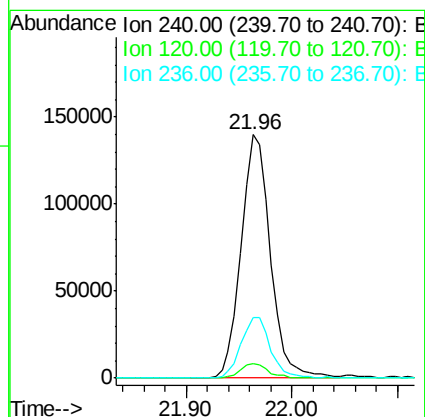
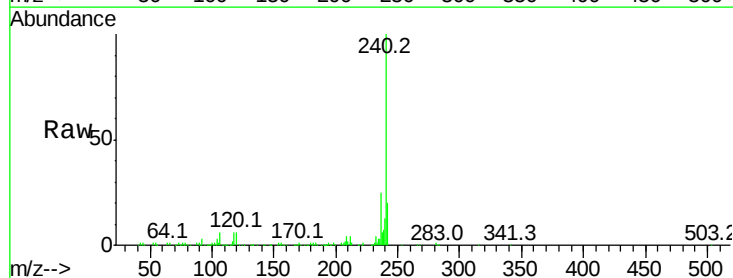
Instrument :
BNA_G
ClientSampleId :
TP-2-(0-5)

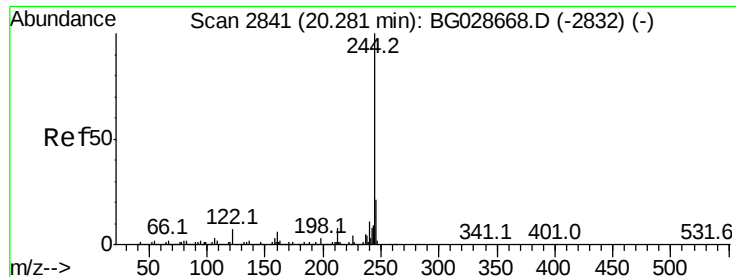
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.8	8.8#
80	6.6	7.5	11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.96 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG028933.D
Acq: 26 Sep 2017 7:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.7	8.5
236	25.0	22.2	33.4





#78

Terphenyl-d14

Concen: 108.564 ng

RT: 20.24 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BG028933.D

Acq: 26 Sep 2017 7:52

Instrument :

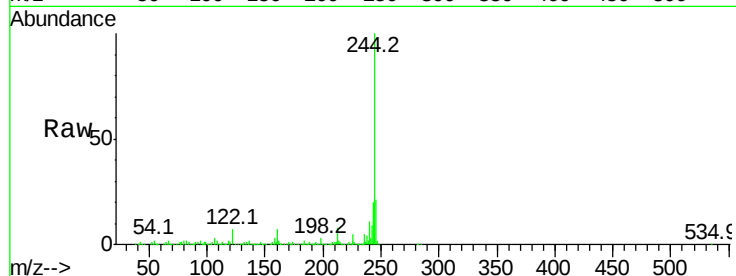
BNA_G

ClientSampleId :

TP-2-(0-5)

Tot Ion:244 Resp: 1368807

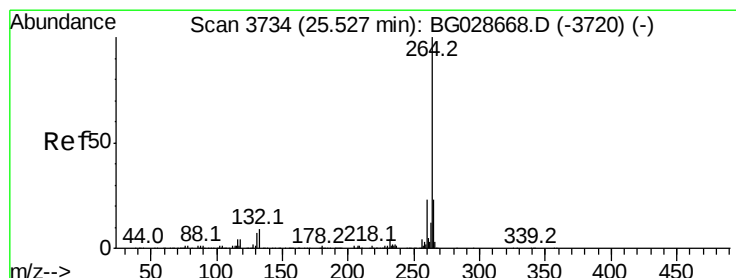
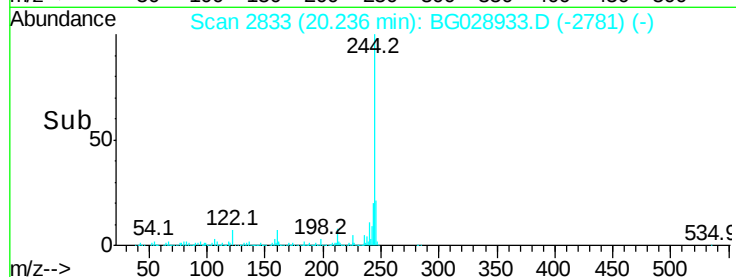
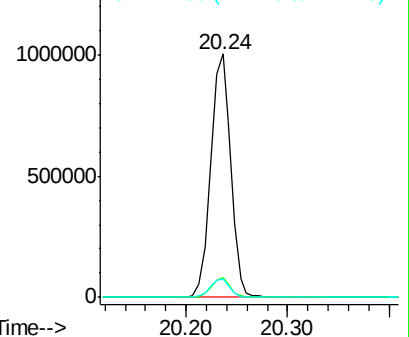
Ion	Ratio	Lower	Upper
244	100		
212	8.0	10.0	15.0#
122	7.4	8.6	12.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.42 min Scan# 3716

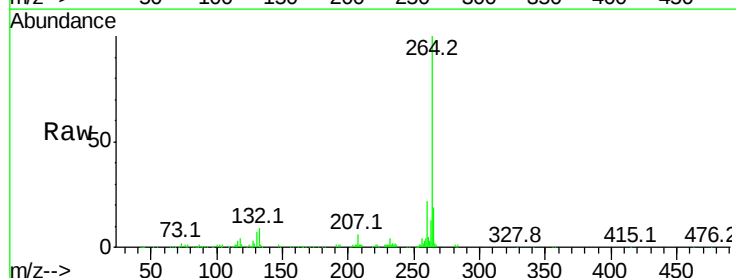
Delta R.T. 0.01 min

Lab File: BG028933.D

Acq: 26 Sep 2017 7:52

Tgt Ion:264 Resp: 269074

Ion	Ratio	Lower	Upper
264	100		
260	22.1	21.8	32.8
265	18.7	18.2	27.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

